

Purchase Order Receipt Listing

Thursday, June 14, 2012 8:16:38 AM


All amounts are calculated in domestic currency.

All Vendors PO ID po17172 Receipt Dates from 6/14/2012 to 6/14/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO17172	1		M6061T6R0.625	f	6/15/2012	6/14/2012	48.0000 ✓	\$0.52	0.0000	0	\$25.12
CAD	No		6061-T6 Round Bar .625"	f	48.0000	DES02		\$25.12	0.0000	0	
			122081								
	2		M6061T6R0.750	f	6/15/2012	6/14/2012	60.0000 ✓	\$1.15	0.0000	0	\$68.99
	No		6061-T6 Round Bar .750"	f	60.0000	DES02		\$68.99	0.0000	0	
			122081								
	3		M6061T6B1.500X01.250	f	6/15/2012	6/14/2012	12.0000	\$4.40	0.0000	0	\$52.76
	No		6061-T6 Bar 1.50 x 1.25	f	12.0000	DES02		\$52.76	0.0000	0	
			122081								
	4		M6061T6B1.000X06.000	f	6/15/2012	6/14/2012	12.0000	\$14.01	0.0000	0	\$168.14
	No		6061T6 BAR 1.00 X 6.00	f	12.0000	DES02		\$168.14	0.0000	0	
			122081								
	5		M6061T6B1.000X02.000	f	6/15/2012	6/14/2012	60.0000	\$4.73	0.0000	0	\$284.09
	No		6061-T6 Bar 1.00 x 2.00	f	60.0000	DES02		\$284.09	0.0000	0	
			122081								
	6		M6061T6B00750X00.125	f	6/15/2012	6/14/2012	100.0000	\$0.31	0.0000	0	\$30.92
	No		6061-T6 Bar .750 x .125	f	100.0000	DES02		\$30.92	0.0000	0	
			122081								
	7		M6061T6B0.500X05.000	f	6/15/2012	6/14/2012	24.0000	\$5.99	0.0000	0	\$143.79
	No		6061-T6 Bar .500 x 5.00	f	24.0000	DES02		\$143.79	0.0000	0	
			122081								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	AIRB Qty/ AIRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO17172	8		M6061T6B0.250X02. f 000		6/15/2012	6/14/2012	24.0000	\$1.24	0.0000	0	\$29.76
CAD	No		6061-T6 Bar .250 X f 2.00		24.0000	DES102		\$29.76	0.0000	0	
			122081								
	9		M6061T6A1.000W.1 f 25		6/15/2012	6/14/2012	20.0000	\$1.21	0.0000	0	\$24.16
	No		6061T6 ANGLE 1.00 f x 1.00 x .125W 122081		20.0000	DES102		\$24.16	0.0000	0	

Total Received Quantity: 360.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$827.74
 Total Balance Due Quantity: 0.0000



DART
 Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID PO17172

Purchase Order Date 6/11/12
 PO Print Date 6/12/12

Page Number 2 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
 TORONTO, ON M5W 5V8
 CA

Contact Name	905 669 9444	Buyer	Chantal Lavoye
Vendor Phone	905 738 9033	Requisition Nbr	10127-2607
Vendor Fax		Tax Resale Nbr	Net 30
Vendor Account Nbr		Terms	CAD

FOB Destination-Collect

3	M6061T6B1.500X01.250004 . 6061-T6 Bar 1.50 x 1.25	6/15/12	Yes	12.00	f	Yours ppd	\$4.5500	\$54.60
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6/11/12

MATERIAL: 6061-
 T6/T651/T6510/T6511/T62 ALUMINUM
 BAR
 AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
 OR AMS 4117/4128/4115/4116
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
 AMS 4160 OR ASTM B211 OR
 ASTM B221

Special Inst: M6061T6B1.000X06.00000004 6061T6 BAR 1.00 X 6.00

4	6/15/12	Yes	12.00	f	Yours ppd	\$14.5000	\$174.00
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6/12/12

MATERIAL: 6061-
 T6/T651/T6510/T6511/T62 ALUMINUM
 BAR
 AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
 OR AMS 4117/4128/4115/4116
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
 AMS 4160 OR ASTM B211 OR
 ASTM B221

Special Inst: M6061T6B1.000X02.000 6061-T6 Bar 1.00 x 2.00

5	6/15/12	Yes	60.00	f	Yours ppd	\$4.9000	\$294.00
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6/12/12

MATERIAL: 6061-
 T6/T651/T6510/T6511/T62 ALUMINUM
 BAR
 AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
 OR AMS 4117/4128/4115/4116
 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
 AMS 4160 OR ASTM B211 OR
 ASTM B221

Special Inst:

No substitution or deviation without
 consent.
 Certificate of Conformity or Material
 YES
 Certification required YES
 NO

Change Date: 6/12/12

Change Nbr: 2

DART aerospace
 Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID PO17172

Purchase Order Date 6/11/12
 PO Print Date 6/12/12

Page Number 1 of 4

Order From : THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
 TORONTO, ON M5W 5V8
 CA

Contact Name Vendor Phone 905 669 9444
 Vendor Fax 905 738 9033
 Vendor Account Nbr
 Buyer Chantal Laviole
 Requisition Nbr
 Tax Resale Nbr 10127-2607
 Terms Net 30
 Currency CAD
 FOB Destination-Collect

Ship To : DART AEROSPACE LTD
 1270 ABERDEEN
 HAWKESBURY, ON K6A 1K7
 CANADA

Line Nbr	Reference	Revision ID	Vendor Part Number	Description/	Mfg ID	Reg Date/	Reg Qty/	Ship Method	Unit Price	Extended Price
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1	M6061T6R0.625	013	6061-T6 Round Bar .625"	6/15/12	Yes	48.00	Yours ppp	\$0.9200	\$44.16	
Special Inst: MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/ 4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221										
2	M6061T6R0.750	013	6061-T6 Round Bar .750"	6/15/12	Yes	60.00	Yours ppp	\$1.1900	\$71.40	
Special Inst: MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/ 4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221										

Change Nbr: 2
 Change Date: 6/12/12
 No substitution or deviation without consent.
 Certificate of Conforming of Material
 Certification required - YES NO

8012-6-14

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO17172
Purchase Order Date 6/11/12
PO Print Date 6/12/12

Page Number 3 of 4

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name	905 669 9444	Buyer	Chantal Lavoie
Vendor Phone	905 738 9033	Requisition Nbr	10127-2607
Vendor Fax		Tax Resale Nbr	
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

6 M6061T6B00750X00.125 6061-T6 Bar .750 x .125 6/15/12 Yes 100.00 Yours ppd \$32.00

6/15/12

Special Inst:

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

7 M6061T6B0.500X05.000 6061-T6 Bar .500 x 5.00 6/15/12 Yes 24.00 Yours ppd \$148.80

Special Inst:

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

8 M6061T6B0.250X02.000 6061-T6 Bar .250 X 2.00 6/15/12 Yes 24.00 Yours ppd \$30.80

Special Inst:


MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR
ASTM B221

8012-6-14

Change Nbr: 2

Change Date: 6/12/12

No substitution or deviation without
consent.
Certificate of Conformity of Material
YES
Certification required NO



DART
 Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID PO17172
 Purchase Order Date 6/11/12
 PO Print Date 6/12/12

Order From : VC-COP001
 THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
 TORONTO, ON M5W 5V8
 CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	10127-2607
Vendor Fax	Tax Resale Nbr	
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

9	M6061T6A1.000W.125	6061T6 ANGLE 1.00 x 038	6/15/12	20.00	Yours ppd	\$1,2500	\$25.60
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Yes

6/12/14

10	M304B1.500X1.500	304 bar 1.50 X1.50	6/15/12	12.00	Yours ppd	\$24.9167	\$299.00
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MATERIAL: 6061-T6/T6510/T6511
 ALUMINUM ANGLE
 AS PER AMS-QQ-A-200/8

Yes

MATERIAL: AISI 304/316 SS BAR OR
 AISI 304/316 SS PLATE

AS PER ASTM A276 OR ASTM A240
 NOTE: AISI 303 NOT ACCEPTABLE

11	M2024T3S.040	2024-T3 .040 sheet	6/15/12	96.00	Yours ppd	\$3.6458	\$350.00
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MATERIAL: 2024-T3 ALUMINUM SHEET
 QQ-A-250/4 OR AMS-QQ-A-250/4 OR
 AMS 4037
 OR ASTM B209

Yes

PO Total: \$1,523.76

Change Nbr: 2

Change Date: 6/12/12

No substitution or deviation without
 consent.
 Certificate of Conformity of Material
 Certification required: YES NO

B I L L O F L A D I N G

Ship Date 13Jun12 at 14:22 From PFW
No: PEC 771978

Via VIM TRANSFER

FOB CONCORD

Frt PREPAID

Route 0 - 0 Manifest

Trailer

Slp STAN IVERS (905-532-1350)

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Tel: 613-632-9577 Fax: 613-632-1053

Ship From:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5G6

Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Tel: 613-632-9577 Fax: 613-632-1053

B-I-L-L-O-F-L-A-D-I-N-G

1) Our Order PEC-460327-1 Your PO # 17172

ALUMINUM ROUND BAR 6061-T6511

.750" DIA X 144.0000"

Heat Number 21072516

Tag No 76429

Quantity 60 FT

PCS 5

Wt LBS 31

2) Our Order PEC-460327-2 Your PO # 17172

ALUMINUM ROUND BAR 6061-T6511

.625" DIA X 144.0000"

Heat Number 15780

Tag No 76430

Quantity 48 FT

PCS 4

Wt LBS 18

3) Our Order PEC-460327-3 Your PO # 17172

ALUMINUM FLAT BAR 6061-T6511

1.250" X 1.50" X 144.0000"

Heat Number 200261017

Tag No 76431

Quantity 12 FT

PCS 1

Wt LBS 27

4) Our Order PEC-460327-4 Your PO # 17172

ALUMINUM FLAT BAR 6061-T6511

1.00" X 6.00" X 144.0000"

Heat Number 16242

Tag No 76432

Quantity 12 FT

PCS 1

Wt LBS 84

5) Our Order PEC-460327-5 Your PO # 17172

ALUMINUM FLAT BAR 6061-T6511

1.00" X 2.00" X 144.0000"

Heat Number 17077

Tag No 76433

Quantity 60 FT

PCS 5

Wt LBS 140

Page: 1 ... Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTÉES IMMÉDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MARCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

DATE

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
IVO/OST# 1017327981 TQ001 TFS/GST IYH/HST # 140223934 RT0001

Cal Fawcett

16m 11.5g

200

43

SHIP FROM: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

SHIP TO: (1) DART AEROSPACE

B I L L O F L A D I N G

SHIP DATE: 13Jun12 at 14:22 From PFW
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115) DART AEROSPACE

6) Our Order PEC-460327- 6 Your PO # 17172

ALUMINUM FLAT BAR 6061-T6511
".125" x .750" x 240.0000"
Heat Number 11070731B
Tag No 76475

Quantity 100 FT

PCS 5

MTR

Wt LBS 11

7) Our Order PEC-460327- 7 Your PO # 17172

ALUMINUM FLAT BAR 6061-T6511
".50" x 5.00" x 144.0000"
Heat Number 12020251A
Tag No 76434

Quantity 24 FT

PCS 2

MTR

Wt LBS 71

9) Our Order PEC-460327- 9 Your PO # 17172

ALUMINUM ANGLE 6061-T6511
1.00" x 1.00" x .125" x 240.0000"
Heat Number 2BR436
Tag No 76476

Quantity 20 FT

PCS 1

MTR

Wt LBS 6

10) Our Order PEC-460327- 12 Your PO # 17172

ALUMINUM SHEET 2024 -T3
".0400 Nom X 48.0000" X 144.0000"
THIS ITEM IS B/O

TOTAL:

Tags 9

PCS 26

LBS 402

*** Chemical Analysis ***

Heat Number 11070731B

Page: 2 ...Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

RECÙ EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
TPS/GST 1TVH/HST # 140223934 RT0001

DATE

Carroll

THYSSENKRUPP MATERIALS NA
DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
.750" DIA X 144.0000"
PART NO.

Certificate of Mill Test Results
13Jun12
Pg 1/2

PO/Rel 17172

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

BL PEC-771978-001

Signed by:

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K 5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K 5C6

Certified Inspection Report

Sales Order Number 1100463852	Lot No. 1	Customer PO PEC-239082-001	Cert Number SAPA566992	Page 1 of 2
			Cert Creation Date 1-MAY-12	Cert Print Date 11-MAY-12

Quantity Shipped 1164	Unit LB	Date Shipped 11-MAY-12	Item Description Extruded Canadian Angle 6.000 B x 3.000 H x 0.375 TK	Specification ASTM B221 REV 12 ASMESH721 REV 09 AMS-QQ-A-200/8 REV
B/L 326305		Item No. G03952109	SECT 710053 240.000 IN L IN FIN M-MILL W/T 3.839 F 5 CS 6.7	
Delivery Id 4316441		Item No. Rev ..	G06176511 Marking CONTINUOUS	
Customer Part No. 710053				

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

William T. Martin, III

William Martin III

Tech/Quality Manager

11-MAY-12

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight
G12-PKG1580637	20849161	15	PCS	
				Gross Net
				1172 1164

Composition Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Pb
6061	Min 0.40	Min ---	Min 0.15	Min 0.15	Min 0.80	Min 0.04	Min ---
	Max 0.80	Max 0.70	Max 0.40	Max 0.15	Max 1.20	Max 0.35	Max 0.25

PO/Rel 17172

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____



Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O
1100465852		PEC-239082 001

Cert Number	Page
SAPA566992	2 of 2
Cert Creation Date	Cert Print Date
11-MAY-12	11-MAY-12

Alloy	Ti		Fe		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	—	0.15	—	0.05	—	0.05	—	0.05	—	0.15

Composition Results

Hot/Cast	Si	Fe	Cu	Mg	Cr	Zn	Pb
4026047	0.69	0.33	0.26	0.93	0.07	0.06	0.02

Mechanical Property - Test Limits

Test Type	UTS - L	UTS - L	EL 4D-Long
KSI	KSI	KSI	PCT
Test Temperature	Test Temperature	Test Temperature	Test Temperature
1	43.7	43.7	16.7

Cert Notes

Products manufactured with a T6511 temper shall meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method.
All Mill Finish Alloys produced at Sapa Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6263 alloy.
In accordance with EN 10204 Inspection Certificate Type 3.1
Melted in the USA or Other Qualified Countries as Defined by DFARS 225.872.1
Made in USA

Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

1.250" X 1.50" X 144.0000"

PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PO/Ref 17172

BL PEC-771978-003

13Jun12 Pg 1/1

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-238894-4		CUSTOMER PART NUMBER: ALREC00007		PRODUCT DESCRIPTION: 1.250 X 1.500 SC RECT BAR	
KAISER ORDER NUMBER: LINE ITEM: 004		SHIP DATE: 05/04/2012		KAISER LOT NUMBER: 6061	
WEIGHT SHIPPED: 952.000 LB		QUANTITY: 36,000 PCS		B/L NUMBER: 603334	
SHIP TO: 2821 LANGSTAFF ROAD THYSSENKRUPP MATERIALS NA CONCORD, ON L4K 5C6 CANADA		SOLD TO: 2821 LANGSTAFF ROAD THYSSENKRUPP MATERIALS NA CONCORD, ON L4K 5C6 CANADA		LENGTH: 12.000 FT	

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
200261017	0001	1	48.7	44.4	16.8	RE	90	N/A
200261017	0001	2	51.8	48.5	18.5	RE	90	N/A
200261017	0001	3	52.5	49.2	16.7	RE	92	N/A
200261017	0001	4	53.0	49.2	17.1	RE	91	N/A
200261017	0001	5	50.0	46.1	18.0	RE	91	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00
LC1543	.74	.25	.29	.09	.96	.09	.03	.03	.00	.00	.01	.04

Applicable Requirements:

ASTM-B221-08-STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 UNS#96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Plant Serial: 00042208
Kaiser Order Number: 619529
Line Item: 004

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.00" x 2.00" x 144.0000"
PART NO.

Certificate of Mill Test Results

13Jun12
Pg 1/1

PO/Rel 17172
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
http://www.extrudex.com

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS, NA
SHIP TO THYSSENKRUPP MATERIALS, NA
SO DESCRIPTION 1"x2" FB

Cert Code: 1
CUSTOMER PO PEC-239192
CUSTOMER PART NUMBER 1-1000-2000

DIE NUMBER S 7238
ALLOY 6061
TEMPER T6511

DATE OF SHIPMENT 6/4/2012
SALES MAN FORBES DODWELL

EXTRUDEX ORDER NO. 145990 — 5
MANIFEST NO. 267477
MADE IN CANADA

CERTIFICATION MILL TEST ASTM B221

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	May/31/12	43.7	39.5	14.70	90.2, 89.6, 90.5	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Ca	Al	Other
A.11 17077 6061	0.56	0.22	0.19	0.06	0.82	0.05	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Remainder

David Natale
David Natale
Quality Control Manager

12/06/12
Joe

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MILL TEST REPORT

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
PART NO. 50" x 5.00" X 144.0000"

PO/Ref 17172
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Pg 1/1

BL PEC-771978-007

CAN ART
ALUMINUM EXTRUSION INC.

Material Test Report

Manifest: 240823

Ticket:

5239311

Ship To: ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Our Order: 382784 - 2 Cust P.O.: 236482

Die: ES05559

Part: 05559-000-144

Alloy Temper: 6061 T6511 Description: .500 x 5.000

Print Date: 2/13/12

Chemical Composition Range									
6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other/Each Other/Total
Min	0.40		0.15		0.8	0.04			
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05

Mechanical Properties									
Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield	2% offset	Elongation 2" gage length		
129124	12020251A	A11	2/13/12	44.15	39.23		10.1		

Applicable Specifications ASTM B221-08 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

12/06/14

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

Evan Eng, Quality Assurance Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ANGLE 6061-T6511
1.00" x 1.00" x .125" X 240.0000"

PART NO.

PO/Rel 17172

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-771978-009

13Jun12

Pg 1/1

Signed by:



MILL TEST REPORT

TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
http://www.extrudex.com

BILL TO THYSSENKRUPP MATERIALS, NA
SHIP TO THYSSENKRUPP MATERIALS, NA
SO DESCRIPTION 1"x 1"x .125" angle

Cert Code: 1
CUSTOMER PO pec-239304
CUSTOMER PART NUMBER 9-125-1000

DIE NUMBER S 2228
ALLOY 6061
PART DESCRIPTION T6511 FORBES DODWELL

DATE OF SHIPMENT 6/7/2012
SALESMAN

EXTRUDEX ORDER NO. 146278 — 2
MANIFEST NO. 267739
MADE IN CANADA

CERTIFICATION MILL TEST ASTM B221

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Jun/05/12	41.1	37.2	12.40	86.8, 87.2, 87.5	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
2BR436 6061	0.61	0.18	0.20	0.04	0.89	0.07	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02

David Natale

David Natale
Quality Control Manager

11/30/12 JNO

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MILL TEST REPORT

THYSSENKRUPP MATERIALS NA
DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
.750" DIA X 144.0000"
PART NO.

PO/Rel 17172

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results
13Jun12
BL PEC-771978-001
Pg 1/3

sapa:

Sapa Industrial Extrusions
53 POTTSVILLE STREET

CRESSONA, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K-5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

Certified Inspection Report

Sales Order Number 1100465852	Line No. 2	Customer P/O PFC-239082-002	Cert. Number SAPA566096	Page 1 of 3
			Cert Creation Date 11-MAY-12	Cert Print Date 11-MAY-12

Quantity Shipped 5180	Date Shipped 11-MAY 12	Item Description ACC-U-LINE Extended ACC-U-ROD 0.750 DIA +/- .003 SECT 555324 144.000 IN LN FBN M-MILL W/F .520 F-5 CS .75 6061/T6511H Marking CONTINUOUS;	Specification ASTMB221 REV 12 AMAS-QQ-A-280/8 RHV ASMESB221 REV 09 UNSA96061 REV SAE/J454 REV Meets 6061-T6511H, 6061-T6511 REV
B/L 326305	Item No. G03967437		
Delivery Id 4316441	Item No. Rev --		
CustomerPart No. .75ER+			

Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal constituent in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

William T. Martin, III

William Martin III

Tech/Quality Manager

11-MAY-12

Quantity per Lot / Packages		Lot Number		Quantity		UOM		Weight	
Package Number								Gross	Net
G12-PKGI672871		21072516		83		PCS		524	518
G12-PKGI672877		21072516		83		PCS		524	518
G12-PKGI672893		21072516		83		PCS		524	518
G12-PKGI672897		21072516		83		PCS		524	518
G12-PKGI672904		21072516		83		PCS		524	518
G12-PKGI672930		21072516		83		PCS		524	518
G12-PKGI672937		21072516		83		PCS		524	517

PO/Rel 17172

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:



Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRENSHAW, PA
17929-0187

Certified Inspection Report

Cert Number	SAPA566906	Page	2 of 3
Cert Creation Date	11-MAY-12	Cert Print Date	11-MAY-12

Sales Order Number	1100465852	Line No.	2
Customer P/O	PEC-239032-002		

Package Number	Lot Number	Quantity	UOM	Weight
G12-PKG1672947	21072516	83	PCS	Gross 524 Net 518
G12-PKG1672983	21072516	83	PCS	Gross 524 Net 518
G12-PKG1672987	21072516	83	PCS	Gross 524 Net 518

12/10/11
Juo

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	—	0.70	0.15	0.40	—	0.15	0.80	1.20	0.04	0.35	—	0.25
	Others Total													
Alloy	Ti		B		Pb		Collect Each		Min		Max		Yield	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	—	0.15	—	0.05	—	0.05	—	0.05	—	0.05	—	0.15	—	—
	Others Total													

Composition Results

Brn / Cst	Si	Mn	P	S	Fe	Cu	Mg	Cr	Zn
5028706	0.70	0.29	0.29	0.03	0.03	0.03	0.03	0.03	0.02

Mechanical Property - Test Limits

Test Temp	Lot Number	# of Tests	UTS - L		UTS - H		YTS - L		EL 4D-Long	
			MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T8511R	21072516	12	43.8	45.4	40.0	42.3	15.6	17.2		

Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
.750" DIA X 144.000"
PART NO.

PO/Rel 17172

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-771978-001

13Jun12
Pg 3/3

Signed by:



Sapa Industrial Extrusions
53 POTTSVILLE STREET
CRENSHAW, PA
17929-0187

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100465852	2	PEC-239082-002	SAIPA566996	3 of 3
			Cert Creation Date	Cert Print Date
			11-MAY-12	11-MAY-12

All Mill Finish Alloys produced at Sapa Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy

In accordance with EN 10204 Inspection Certificate Type 3.1

Melted in the USA or Other Qualified Countries as Defined by DPA RS 225.872.1

Made in USA

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
1.00" x 6.00" x 144.000"

PO/Rel 17172

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-771978-004

13Jun12

Pg 1/1

Signed by:



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
http://www.extrudex.com

MILL TEST REPORT

BILL TO THYSSENKRUPP MATERIALS NA	CART CODE: 1	DIE NUMBER S	DATE OF SHIPMENT 3/14/2012	EXTRUDEX ORDER NO. 143182	MANIFEST NO. 262630
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-237313	ALLOY 6061	SALESMAN FORBES DODWELL	MADE IN CANADA	
SO DESCRIPTION 1"x6" FB	CUSTOMER PART NUMBER 1-1000-6000	PART DESCRIPTION T6511	CERTIFICATION MILL TEST ASTM B221		

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	Mar/12/12	44.0	37.8	15.00	88.2,88.4,88.7	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 16242 6061	0.54	0.25	0.18	0.06	0.81	0.04	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Remainder 0.00

David Natale

David Natale
Quality Control Manager

h/napel
July

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MILL TEST REPORT

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
125" x .750" x 240.0000"

PO/Rd 17172
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

Pg 1/1

BL PBC-771978-006

13jun12

CAN ART
ALUMINUM EXTRUSION INC.

Material Test Report

Customer Ship To:

ThyssenKrupp Materials NA

2821 Langstaff Road

Concord, ON L4K 5C6

Our Order: 378367 - 1
Your PO #: 231560-
Part #: 05485-000-240
Die: ES05485
Description: 125 x .750
Alloy Temper: 6061 T6511
Print Date: 8/3/2011

Chemical Composition

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	others	total	Al	remain
0.40-0.8	0.7 max	0.15-40	0.15 max	0.8-1.2	0.04-0.35	0.25 max	0.15	0.05	0.15		

Mechanical Properties

Test ID	Lot	Test Date	CastNum	Ultimate	Yield	Elongation	Skid #
126281	A11	8/2/11	11070731B	41.57	40.19	10.0	5205058

Applicable Specifications: ASTM B221-08 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

mf
12/6/11

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized

Evan Eng, Quality Assurance Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
2.50" X 2.00" X 144.0000"
PART NO.

PO/Rel 17172

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-771978-008

13Jun12
Pg 1/1

Signed by:



MILL TEST REPORT

BILL TO

THYSSENKRUPP MATERIALS NA
SHIP TO

THYSSENKRUPP MATERIALS NA
SO DESCRIPTION
250"x2" FB

Cart Code:

1

CUSTOMER PO

PEC-239239

CUSTOMER PART NUMBER

1-250-2000

DIE NUMBER

0.93

S

2226

TEMPER

T6511

SALESMAN

DATE OF SHIPMENT

5/31/2012

EXTRUDEX ORDER NO. MANIFEST NO.

146069 - 4

267252

MADE IN CANADA

CERTIFICATION

MILL TEST ASTM B221

Mechanical Properties

Lot Alloy

A.11

6061

Test Date May/29/12
Ultimate Tensile Strength (KSI) 42.4
Yield Strength (KSI) 39.4
Percent Elongation 15.70
Hardness 88.9, 88.6, 89.4
Conductivity

Chemical Composition

Cast Number

17084 6061

A.11

Si 0.57 Fe 0.18 Cu 0.20 Mn 0.05 Mg 0.81 Cr 0.05 Ni 0.00 Zn 0.01 Ti 0.01 V 0.00 B 0.00 Zr 0.00 Pb 0.00 Sn 0.00 Sr 0.00 Co 0.00 Al 0.00 Other 0.00

David Natale

David Natale
Quality Control Manager

12/06/12
Joe

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MILL TEST REPORT

Evan Eng, Quality Assurance Mgt.